



PTO/SB/08A (08-03)

Substitute for form 1449, PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/616,453
Filing Date	July 8, 2003
First Named Inventor	Victor B. Kley
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020921-001612US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
M.E. Shammae	1	6,353,219	03-05-2002	Kley	
	2	2002/0007667	01-24-2002	Pohl et al.	
	3	6,340,813	01-22-2002	Tominaga et al.	
	4	6,337,479	01-08-2002	Kley	
	5	6,285,711	07-24-2001	Kley	
	6	6,252,226	06-26-2001	Kley	
	7	6,229,138	05-08-2001	Kley	
	8	6,229,609	05-08-2001	Muramatsu et al.	
	9	6,144,028	11-07-2000	Kley	
	10	6,101,164	08-08-2000	Kado et al.	
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	13	5,922,214	07-13-1999	Liu et al.	
	14	5,883,387	03-16-1999	Matsuyama et al.	
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	16	5,865,978	02-02-1999	Cohen	
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	18	5,821,410	10-13-1998	Xiang et al.	
	19	5,763,879	06-09-1998	Zimmer et al.	
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	21	5,751,683	05-12-1998	Kley	
	22	5,721,721	02-24-1998	Yanagisawa	
	23	5,717,680	02-10-1998	Yamano	
	24	5,679,952	10-21-1997	Lutwyche et al.	
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	26	5,634,230	06-03-1997	Maurer	
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	28	5,610,898	03-11-1997	Takimoto	
	29	5,602,820	02-11-1997	Wickramasinghe et al.	
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	40	5,472,861	12-05-1995	Beebe et al.	
	41	5,471,458	11-28-1995	Oguchi et al.	

Examiner
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M.E. Shammae

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
60039949 v1



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Sheet 2 of 5

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Application Number	10/616,453
Filing Date	July 8, 2003
First Named Inventor	Victor B. Kley
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020921-001612US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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	43	5,461,605		10-24-1995	Takimoto	
	44	5,455,420		10-03-1995	Ho et al.	
	45	5,453,970		09-26-1995	Rust et al.	
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	47	5,418,363		05-23-1995	Elings et al.	
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	52	5,408,094		04-18-1995	Kajimura	
	53	5,396,483		03-07-1995	Matsida	
	54	5,393,647		02-28-1995	Neukermans et al.	
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	62	5,354,985		10-11-1994	Quate	
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	80	5,260,824		11-09-1993	Okada et al.	
	81	5,254,854		10-19-1993	Betzig	
	82	5,249,077		09-28-1993	Laronga	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet | 3 | of | 5

Complete If Known

Application Number	10/616,453
Filing Date	July 8, 2003
First Named Inventor	Victor B. Kley
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020921-001612US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
umf	83	5,241,527	08-31-1993	Eguchi	
	84	5,231,286	07-27-1993	Kajimura et al.	
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	87	5,210,410	05-11-1993	Barret	
	88	RE34214	04-06-1993	Carlsson et al.	
	89	5,187,367	02-16-1993	Miyazaki	
	90	5,166,520	11-24-1992	Prater et al.	
	91	5,155,589	10-13-1992	Gere	
	92	5,148,308	09-15-1992	Kopelman	
	93	5,142,145	08-25-1992	Yasutake	
	94	5,138,159	08-11-1992	Takase et al.	
	95	5,118,541	06-02-1992	Yamamoto et al.	
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	97	5,107,112	04-21-1992	Yanagisawa et al.	
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	100	5,072,116	12-10-1991	Kawade et al.	
	101	5,047,849	09-10-1991	Hodgson et al.	
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	103	5,043,577	08-27-1991	Pohi	
	104	5,038,322	08-06-1991	Van Loenen	
	105	5,025,346	06-18-1991	Tang	
	106	5,018,865	05-28-1991	Ferrell et al.	
	107	5,015,850	05-14-1991	Zdeblick	
	108	5,010,249	04-23-1991	Nishikawa	
	109	5,001,344	03-19-1991	Kato et al.	
	110	4,999,495	03-12-1991	Miyata et al.	
	111	4,954,704	09-04-1990	Elings et al.	
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	115	4,831,614	05-16-1989	Duerig	
	116	4,697,594	10-06-1987	Mayo, Jr.	
	117	4,681,451	07-21-1987	Guerra et al.	
	118	RE32457	07-07-1987	Matay	
	119	4,673,477	06-16-1987	Ramalingam et al.	
	120	4,672,559	06-09-1987	Jansson et al.	
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	122	4,115,806	09-19-1978	Morton	
	123	3,812,288	05-21-1974	Walsh et al.	

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m. El. Shammaa

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PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 4 of 5

Complete if Known

Application Number	10/616,453
Filing Date	July 8, 2003
First Named Inventor	Victor B. Kley
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020921-001612US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WME	124	3,588,865	06-22-1971	Baker et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
WME	125	PCT	WO 01/03157		01-11-2001			
	126	PCT	WO 98/34092	A2	08-06-1998			
	127	PCT	WO 97/04449		02-06-1997			
	128	PCT	WO 96/03641	A1	02-08-1996			
	129	JP	7-105580		04-21-1995			yes
	130	JP	61-133065		06-20-1986			abstract only
	131	JP	1-262403		10-19-1989			abstract only
	132	EP	0325056		07-26-1989			

Examiner
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M. El. Shammaa

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PTO/SB/08B (08-03)

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5 of 5

Complete If Known

Application Number	10/616,453
Filing Date	July 8, 2003
First Named Inventor	Victor B. Kley
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020921-001612US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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	134	BETZIG et al "Near-Field Optics: Microscopy Spectroscopy and Surface Modification Beyond the Diffraction Limit" <u>Science</u> 257:(1992).	
	135	DAI et al. " Nanotubes as nanoprobe in scanning probe microscopy," <u>Nature</u> 384:147-150 (1996).	
	136	DAVIS "Deposition characterization and device development in diamond silicon carbide and gallium nitride thin films" <u>J. Vac. Sci. Technol. A</u> 11(4). Jul./Aug. (1993).	
	137	DIAZ, D.C., et al., An Improved Fabrication Technique for Porous Silicon, <u>Rev. Sci. Instrum.</u> 64 (2), Feb. 1993, pp. 507-509.	
	138	GIVARGIZOV et al "Growth of diamond particles on sharpened silicon tips" <u>Materials Letters</u> 18:(1993).	
	139	GOMYU, H., et al. Effect of Electrochemical Treatments on the Photoluminescence from Porous Silicon, <u>J. Electrochem. Soc.</u> , vol. 139, No. 9, Sep. 1992, pp. L86-L88.	
	140	NOSSARZEWSKA-ORLOWSKA, E., et al., Photoluminescence Properties of Porous Silicon Prepared by Electrochemical Etching of Si Epitaxial Layer, <u>Acta Physica Polonica A</u> , No.4. vol. 84 (1993), pp. 713-718.	
	141	RASMUSSEN et al. "Fabrication of an All-metal Atomic Force Microscope Probe," <u>IEEE</u> (1997).	
	142	ROSSOW, U., et al., Influence of the Formation Conditions on the Microstructure of Porous Silicon Layers Studied by Spectroscopic Ellipsometry, <u>Thin Solid Films</u> , 255 (1995), pp. 5-8.	
	143	SMESTAD, G., et al., Photovoltaic Response in Electrochemically Prepared Photoluminescent Porous Silicon, <u>Solar Energy Materials and Solar Cells</u> , 26, pp. 277-283 (1992).	
	144	TANG, William Chi-Kéung, "Electrostatic comb drive for resonant sensor and actuator applications," Abstract of dissertation at the University of California at Berkeley (1990).	
	145	TOLEDO-CROW et al "Near-field differential scanning optical microscope with atomic force regulation" <u>Appl. Phys. Lett.</u> 60: (1992).	
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↓	147	WATSON et al "The Radiation Patterns of Dielectric Rods—Experiment Theory" <u>Journal of Applied Physics</u> 19: (1948).	

Examiner
Signature

M. El. Shammaa

Date
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		Application Number	10/616,453		
		Filing Date	July 8, 2003		
		First Named Inventor	Victor B. Kley		
		Art Unit	2878		
		Examiner Name	Unassigned		
Sheet	1	of	2	Attorney Docket Number	020921-001612US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ME	1	US-6,173,604	01-16-2001	Xiang et al.	
ME	2	US-5,804,709	09-08-1998	Bourgoin et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	M. El-Shammaa	Date Considered	12.05.05
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PTO/SB/08B (08-03)

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	of	2	Attorney Docket Number	020921-001612US
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Complete if Known

Application Number	10/616,453
Filing Date	July 8, 2003
First Named Inventor	Victor B. Kley
Art Unit	2878
Examiner Name	Unassigned

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
me	3	JASCHKE et al. "Deposition of Organic Material by the Tip of a Scanning Force Microscope," Langmuir 11:1081-1084 (1995).	

Examiner Signature	cm. El-Shammaa	Date Considered	12.05.05
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Substitute for form 1449A/PTO			Complete if Known		
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			Filing Date	July 8, 2003	
			First Named Inventor	Victor B. Kley	
			Art Unit	2883	
			Examiner Name	C.M. Kalivoda	
Sheet	1	of	1	Attorney Docket Number	020921-001612US

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CME ↓	1	US-6,802,646		10-12-2004	Kley	
	2	US-6,787,768		09-07-2004	Kley et al.	
	3	US-6,752,008		06-22-2004	Kley	
	4	US-6,737,331		05-18-2004	Lewis et al.	
	5	6,724,712		04-20-2004	Kley	
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	7	2003/0089182		05-15-2003	Thaysen et al.	
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	9	6,517,249		02-11-2003	Doll	
	10	2003/0027354		02-06-2003	Geli	
	11	US-6,573,369		06-03-2003	Henderson et al.	
	12	2003/0089182		05-15-2003	Thaysen et al.	
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	14	US-6,249,747		06-19-2001	Bennig et al.	
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	16	US-5,253,515		10-19-1993	Toda et al.	
	17	US-5,252,835		10-12-1993	Lieber et al.	

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		Country Code ³	Number ⁴	Kind Code ⁵ (If known)				

Examiner Signature	<i>CME Shamma</i>	Date Considered	12.05.05
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